

Volume 39, The Science Teacher

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- Equilibrium*, Henry B. Hollinger. October: 33.
- Ethno-Science in American Indian Education*, Albert J. Snow. October: 30.
- Evaluation of Learning in Individualized and Self-Paced Science Courses*, James V. DeRose. May: 32.
- Evolution Theory and the Nature of Science*, Claude A. Welch. January: 26.
- Facilities for Secondary School Science Teaching*, Joseph D. Novak. March: 12.
- From Yesterday to Tomorrow*, Morris R. Lerner. May: 17. (Editorial)
- Geothermal Energy*, L. J. P. Muffler and D. E. White. March: 40.
- Getting to the Core of the Classroom Electromagnet*, Keith Kennedy. November: 58. (Classroom Ideas)
- Hedonic Plague*, Nathan S. Kline, MD. September: 20.
- How I Learned to Live with Hooke's Law, Happily*, David P. Stern. March: 58.
- How Plants Fight "Man-Made" Pollution*, H. E. Heggstad. April: 21.
- How Should We Say It?* Mario Iona. February: 6, March: 92, November: 11, December: 54. (TST Forum)
- Humanistic Learning*, Michael Gonzalez. February: 25.
- Hypothesis Formation Can Be Taught*, Mary Ellen Quinn. September: 30.
- Incubation and Hatching of Snake Eggs*, Alan R. Kern. March: 68. (Classroom Ideas)
- Incubation of Chick Embryos*, Ruth H. Butler, Daniel J. Dyman, and Jerry J. Nisbet. November: 50. (Classroom Ideas)
- Individualization: Use an Existing Science Program*, Marilyn Appel and David Conard. October: 38.
- Individualizing Chemistry—A Method Used in an Open High School*, Arlyn A. Kline. March: 61. (With the Schools)
- Inner-City Schools*, Martin N. Thorsland. October: 12. (Let's Have Your Ideas)
- Interferon as a General Antiviral Agent*, Samuel Baron, MD. January: 43.
- Inventorying Soil Resources*, F. L. Himes. February: 33.
- Junior High School Science Curricula*, November: 58.
- Let's Have Your Ideas*, May: 13.
- Life Science Culture Center—Teacher Designed and Student Maintained*, Paul J. Hummer. September: 43. (With the Schools)
- Locally Supported Student Science Training Program*, Nikiforos Kollias and Robert Sadler. May: 52. (With the Schools)
- Man's Evolutionary Future*, Theodosius Dobzhansky. January: 17.
- Mass Interactions Involving Gases*, Martin Petric and William A. Krayenhoff. November: 48. (Classroom Ideas)
- Meteorology—An Exciting Program for Inner-City Students*, Irving Gikofsky. September: 45. (With the Schools)
- Minicourses—New Program Features Student Self-Selection*, Joseph Barrow and John W. Lakus. May: 49. (With the Schools)
- Mini School Open Laboratory*, A. Frances L. Behnke and Melanie Barron. November: 43. (With the Schools)
- Mobile Planetariums—Provide Instruction in Chesterfield*, Marie N. Morris and Fred W. Petersen. May: 55. (With the Schools)

Models, Memory, and Meaningful Learning in the Sciences. David J. Kuhn. May: 44.

New Directions for the High School Science Program. Ernest Burkman. February: 42.

New Environmental Science Education Approach. A. James V. Bernardo. December: 25.

Nonreactive Measures for School Science. John W. Butzow, Jr. November: 27.

"Now, We Can Teach the Moon." H. H. Schmitt. January: 38.

NSTA Area Conventions. October: 13.

NSTA Area Conventions: Time Well Spent. September: 40.

NSTA Conducts Nuclear Energy Survey for AIF. December: 28. (NSTA Staff Report)

NSTA National Convention, The. December: 6.

NSTA's 20th National Convention Draws 7,500 to New York City. May: 25.

News from the National Scene. September: 12, November: 16, December: 8.

Office of Education Plans for a Marketable Skill for Every Student. Mary E. Hawkins. December: 23.

On Simulation Games. John Seese. September: 15. (Let's Have Your Ideas)

Operational Thinking and the Tenth-Grade Student. Ed Marek and John W. Renner. September: 32.

Opinions of College Students About Nuclear Science. Harold L. Crater. December: 33.

Other Side of the Coin, The. R. M. Billings. March: 55.

Phosphate—Some Studies of How It Affects Our Water. Ann L. Abeles. February: 53. (Classroom Ideas)

Physical Pendulum: An Inexpensive Experiment, The. Allen E. Ekkebus and Jerry D. Wilson. October: 54. (Classroom Ideas)

Planetarium Instruction—Using an Open-Sky Test. Norman J. Dean and Gregory M. Lauck. May: 54. (With the Schools)

Pollution Game, The. Leslie Jay Gold. October: 52. (Classroom Ideas)

Population Education in School Programs. Mary E. Hawkins. January: 7.

Pre-Lab for the Study of Chemical Equilibrium by Colorimetry, The. Nathan Feifer. September: 46. (Classroom Ideas)

Progress in Controlled Fusion Research. P. L. Auer and R. N. Sudan. March: 44.

Relating Science and Values. Marion S. Jacobsen. March: 52.

Sand Hills of Nebraska—A Ground-Water Project, The. Brewster Baldwin. February: 30.

School in the Sand Dunes of Arabia. Henry S. Dillon. February: 26.

Science: A Human Enterprise. Robert Samples. October: 26.

Science and Social Action. Barry Commoner. May: 18.

Science Assessment Goes into Second Round. November: 7. (NSTA Staff Report)

Science Education in Developing Countries. Shawna Tropp. February: 47.

Science Education in National Development. Sheila Haggis. February: 49.

Science for People Problems Through Science-Humanities Seminars. Buel C. Robinson. October: 41. (With the Schools)

Science in a Tub. Barbara Lorenzoni and Ed Smith. December: 38. (Let's Have Your Ideas)

Science School—A Community Summer School for Children. John U. Springer. April: 39. (With the Schools)

Science Teachers Have Failed. Howard Munson. September: 16. (TST Forum)

Science Trial Project in Performance-Based Teacher Certification, The. Douglas J. Harke and Donna DeSeyn. November: 37.

Scientifically Speaking, Happy Birthday! George R. Hague, Jr., and Warren E. Baecht. January: 55. (Classroom Ideas)

Search for Values. A. Joseph Abruscato. February: 20.

Selecting Environmental Education Materials. Steve A. Sayre and Kenneth V. Olson. November: 29.

Sigma Bonds, Pi Bonds, and Tinker Toys. Roger C. Johnson. April: 52. (Classroom Ideas)

Simulation Experience in the Middle School. A. Chester W. Dugger. March: 70. (Classroom Ideas)

Solar Energy—Prospects for Its Large-Scale Use. Peter E. Glaser. March: 36.

Speaking Frankly . . . Robert H. Carleton. October: 15. (Editorial)

Spelunking in the Cave Community. Wayne R. Oelfke. December: 36. (With the Schools)

"Student Sheets" Improve Large-Group Instruction. David W. Taylor. April: 53. (Classroom Ideas)

Subterranean Termites—Collection and Culture. Michael Yamin. March: 71. (Classroom Ideas)

Testing as a Learning Tool and Involvement Stratagem. Stanley L. Cummings. January: 49. (Classroom Ideas)

Testing Raunkiaer's Theory. Oakley F. Roark. April: 46. (Classroom Ideas)

Thesis. Harry Zuurbrier. September: 15. (Let's Have Your Ideas)

Third Force: Humanistic Psychology and Science Education, The. Rodger W. Bybee and I. David Welch. November: 18.

Toward Humanization and Individualization of Science. F. Darrell Goar. September: 23.

Toy Train Demonstrates Centripetal Acceleration. Gordon R. Gore. February: 57. (Classroom Ideas)

Trace Elements and Health. Wayne A. Pettyjohn. May: 37.

Tree Study—By Observing. Donald E. Maxwell. April: 50. (Classroom Ideas)

Urban Anthropology: The Emerging Science of Modern Man. Robert E. Novick. January: 21.

Using Learning Contracts to Individualize Science Instruction. James B. Cunningham and Charles H. Heimler. September: 27.

Using Your Model Van de Graaff Generator. Gordon R. Gore. September: 48. (Classroom Ideas)

Utilizing Ferns for Biologic Investigations. Merle I. Wimmer. May: 61. (Classroom Ideas)

Water Management. M. Gordon Wolman. October: 17.

Window on Life—Chick Embryo Culturing. A. Philip G. Bashook. January: 51. (Classroom Ideas)

Year of Impact, The. Elaine W. Ledbetter. September: 19. (Editorial)

NSTA Activities

Area Conventions Planned for 1972. April: 4.

Association Expresses Gratitude for Business-Industry Support. May: 10.

Awards Recognize Teacher Achievement. May: 9.

Board of Directors Meets. October: 6.

Book on School Facilities. September: 7.

California Textbook Battle. October: 6.

Call for Contributed Papers for NSTA Area Conventions. January: 4.

Committee to Advise on Cooperative Endeavors Between NSTA and Business-Industry. September: 6.

Drive-in Conferences. October: 7.

Election Results, 1972. May: 7.

Election Slate of NSTA Officers. March: 8.

For Distinguished Service to Science Education. September: 9.

Highlights of Convention Available on Cassettes. September: 7.

Individualized Science: How Successful Programs Operate. October: 7.

JCST Begins Second Year. October: 7.

Ledbetter Proposes IMPACT, NSTA 1972-73. May: 10.

Minidocumentary Films Offered by NSTA. September: 6.

NAIEC to Present 1972 Educational Awards. November: 6.

NASA-NSTA Youth Science Congresses. January: 4.

NSTA Board of Directors. September: 8.

NSTA Budget, 1972-73. October: 6.

NSTA Helps to Produce Unique Series of Science Films. March: 9.

NSTA Initiates Packet Service. September: 7.

NSTA Offers Programs for Students. October: 9.

NSTA to Study NAEP Findings in Science: What Are Their Meanings? November: 4.

National TSE Winners. September: 10.

National Youth Conference on Science and the Environment. February: 10.

New ACS-NSTA Chemistry Examination Published. March: 8.

New "How to" Publications. September: 6.

New Section Officers. September: 9.

1972 NSTA Convention, The. January: 36, February: 40, March: 51.

1973 NSTA Convention, The. May: 15, September: 11.

Norman Jones Dies at 72. September: 7.

Paris First Stop. May: 8.

Past President Lapp Dies. February: 10.

Readers Speak, The. May: 11.

Reminder About Ordering Government Publications. January: 6.

Search Begins for Successor to NSTA Executive Secretary. September: 6.

Skylab Winners Named. May: 8.

Statewide Honor for Science Teachers. January: 5.

Students and Teachers Attend Meeting of Commission for UNESCO. February: 10.

Suggest a Candidate! May: 7, September: 8, October: 8.

Symposia Plans Cancelled. May: 8.

TSE's Goodwill Ambassador. May: 8.

TST Board Comes to the Readers. February: 11.

21st NSTA National Convention, The. October: 14.

William Tapper Retires as ASE Executive. January: 6.